

The following listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-20 (Canceled).

Claim 21 (Currently amended): A surgical tack for attaching a material to tissue comprising:

a head having a drive thread formed on an outer surface thereof;

a barrel portion extending from the head and having a tissue engaging thread formed on an outer surface thereof and extending substantially along an entire length of the barrel portion, wherein a portion of the drive thread and a portion of the tissue engaging thread are discontinuous define a gap therebetween within one convolution of threading; and

a throughbore extending through the head and barrel portion for receipt of a drive tool.

Claim 22 (Canceled).

Claim 23 (Previously presented): The surgical tack as recited in claim 21, further comprising a transition zone between the drive thread and the tissue engaging thread.

Claim 24 (Previously presented): The surgical tack as recited in claim 21, wherein a leading edge of the drive thread is tapered.

Claim 25 (Previously presented): The surgical tack as recited in claim 21, wherein the throughbore has a D-shaped cross-section.

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Claim 26 (Previously presented): The surgical tack as recited in claim 21, wherein a leading edge of the drive thread is chamfered.

Claim 27 (Previously presented): The surgical tack as recited in claim 21, wherein the maximum diameter of the drive thread is greater than the maximum diameter of the tissue engaging thread.

Claim 28 (Previously presented): The surgical tack as recited in any of the preceding claims, wherein the throughbore has a D-shaped cross-section for receipt of an installation tool.

Claims 29-31 (Canceled).

Claim 32 (New): The surgical tack as recited in claim 21 wherein the barrel portion includes a smooth or rounded leading edge.

Claim 33 (New): The surgical tack as recited in claim 21 wherein the head is configured to facilitate removal of the tack.

Claim 34 (New): The surgical tack of claim 21, wherein the drive thread and the tissue engaging thread have substantially the same pitch.

Claim 35 (New): A surgical tack comprising:
a head having a first thread formed thereon;
a barrel portion extending from the head, the barrel portion having a second thread

extending substantially along an entire length thereof, wherein a leading edge of the first thread and a trailing edge of the second thread are spaced apart thereby defining a discontinuity therebetween, the leading edge of the first thread and the trailing edge of the second thread are both in a common plane; and

a throughbore extending through the tack for receipt of a drive tool.

Claim 36 (New): The surgical tack of claim 35, wherein the first thread and the second thread have substantially the same pitch.

Claim 37 (New): The surgical tack of claim 35, wherein a complete circumscription of the tack by threading is interrupted by a gap, the gap being defined between the leading edge of the first thread and the trailing edge of the second thread.

Claim 38 (New): The surgical tack of claim 37, wherein the leading edge of the first thread and the trailing edge of the second thread are both in a common plane.

Claim 39 (New): The surgical tack of claim 37, wherein the first thread and the second thread have substantially the same pitch.

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Amendments to the Drawings:

The attached sheets of drawings include changes to Figs. 7 and 8. These sheets, which include Figs. 7 and 8, replace the original sheets including Figs. 7 and 8.

Attachment: Replacement Sheets